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10/071,936	02/07/2002	Terry Robert Ecklund	10022/182	9850

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EXAMINER
BILGRAMI, ASGHAR H

ART UNIT	PAPER NUMBER
2443	

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Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

PTOL-90A (Rev. 04/07)

	Application No.	Applicant(s)
	10/071,936	ECKLUND ET AL.
Office Action Summary	Examiner	Art Unit
	ASGHAR BILGRAMI	2443

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE *3* MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

1) ☒ Responsive to communication(s) filed on *07 August 2009*.
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

4) ☒ Claim(s) *1,4,6,10-12,15-18,20 and 25-28* is/are pending in the application.
    4a) Of the above claim(s) _____ is/are withdrawn from consideration.
5) ☐ Claim(s) _____ is/are allowed.
6) ☒ Claim(s) *1,4,6,10-12,15-18,20 and 25-28* is/are rejected.
7) ☐ Claim(s) _____ is/are objected to.
8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

9) ☐ The specification is objected to by the Examiner.
10) ☒ The drawing(s) filed on *07 February 2002* is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
    Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
    Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
    a) ☐ All   b) ☐ Some *   c) ☐ None of:
      1. ☐ Certified copies of the priority documents have been received.
      2. ☐ Certified copies of the priority documents have been received in Application No. _____.
      3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
    * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)
1) ☒ Notice of References Cited (PTO-892)
2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3) ☐ Information Disclosure Statement(s) (PTO/SB/08)
    Paper No(s)/Mail Date _____.
4) ☐ Interview Summary (PTO-413)
    Paper No(s)/Mail Date. _____.
5) ☐ Notice of Informal Patent Application
6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1.   A request for continued examination under 37 CFR 1.114, including the fee set

forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this

application is eligible for continued examination under 37 CFR 1.114, and the fee set

forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action

has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on

8/7/2009 has been entered.

Claim Rejections - 35 USC § 103

2.   The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all

obviousness rejections set forth in this Office action:

> (a) A patent may not be obtained though the invention is not identically disclosed or described as set
> forth in section 102 of this title, if the differences between the subject matter sought to be patented and
> the prior art are such that the subject matter as a whole would have been obvious at the time the
> invention was made to a person having ordinary skill in the art to which said subject matter pertains.
> Patentability shall not be negatived by the manner in which the invention was made.

3.   Claims 1, 4, 6, 10-12, 15-18, 20, 25-28 are rejected under 35 U.S.C. 103(a) as

being unpatentable over Ollikainen (U.S. Pub No. 2003/0074475A1) ,Ndili (U.S. Pub

No. 2002/0161928 A1) and Tracy el al (5,979,757).

4.   As per claims 1, 6, 11, 15-17, 28 Ollikainen disclosed a wireless communication

system comprising: a remote server including a predetermined mark-up language file; a

proxy server configured to communicate with said remote server, wherein said proxy

server is programmed to receive a request to retrieve said predetermined mark-up

language file, wherein said request is transmittable from a wireless communication

device, wherein said request received from said wireless communication device is

generated in response to selection of a menu item from among a plurality of menu items

displayable with said wireless communication device {regarding web pages and (Mark-

up language) browsers please see paragraphs.25, 49, 54, 70, 75}, wherein said request

comprises an identifier that identifies a location for said selected menu item with a

hierarchy for said plurality of menu items {This limitation is simply describing

selecting/clicking a link (I.E. identifier or URLS) among plurality of links (I.E other menu

items with identifiers or URLS) on a web page by a user. **Examiner points out that a**

web page having multiple links is well known in the computer science filed well

before February-7-2002 the filing date of this application in fact Tracy filed 1996

also discloses a wireless device that can display a web page with multiple URLS

(col.2, lines42-49} (Ollikainen on paragraph.75 & 76 describes user surfing the web

page(s)) and wherein said request is to retrieve said predetermined mark-up language

file said request being in a first format that is converted into a second format by said

proxy server, said second format being used to retrieve said predetermined mark-up

language file from said remote server (paragraphs. 26, 46 & 47). However Ollikainen did

not explicitly disclose wherein said proxy server is configured to divide said

predetermined mark-up language file into a plurality of viewable segments, said plurality

of viewable segments being a predetermined number of viewable segments, including a

first viewable segment and a second viewable segment, said first viewable segment and

said second viewable segment each being sized less than a display buffer and sized to

fit within a viewable area of a display screen of said wireless communication device so that a whole of any one of said viewable segments and a navigation aid are viewable at the same time in said viewable area of said display screen, wherein said proxy server is further configured to generate said navigation aid, wherein said proxy server is further configured to transmit said first first-viewable segment and said navigational aid in response to said request, said navigation aid being selectable with said wireless communication device to request said second viewable segment and wherein said Proxy server is further configured to transmit said second viewable segment upon receipt of a selection of said navigation aid by said wireless communication device. In the same field of endeavor Ndili disclosed wherein said proxy server is configured to divide said mark-up language file into a plurality of viewable segments including a first viewable segment and a second viewable segment (Page.5. paragraphs78-80), said first viewable segment and said second viewable segment each being sized less than a display buffer and sized to fit within said viewable area of said display screen of said wireless communication device so that a whole of any one of said viewable segments and a navigation aid are viewable at the same time in said viewable area of said display screen (page.3, paragraphs 47-51 & page.6, paragraphs. 83 & 84), wherein said proxy server is further configured to generate said navigation aid wherein said proxy server is further configured to transmit said first first-viewable segment and said navigational aid in response to said request, said navigation aid being selectable with said wireless communication device to request said second viewable segment and wherein said Proxy server further configured to transmit said second viewable segment upon receipt

of a selection of said navigation aid by said wireless communication device (page.5, paragraphs 78 through 81 & page6, paragraphs 82 through 84).

It would have been obvious to one in the ordinary skill in the art at the time the invention was made to have incorporated the segmentation of the received predetermined mark-up language file as disclosed by Ndili in a wireless communication system disclosed by Ollikainanen order to make the Internet browsing of a mark-up language file more efficient for the user resulting in smooth reception and reliable availability of mark-up language data to the user's handheld device.

However neither Ollikainen nor Ndilla disclose wherein said proxy server is further configured to generate said navigation aid, wherein said proxy server is further configured to transmit said first first-viewable segment and said navigational aid in response to said request, said navigation aid being selectable with said wireless communication device to request said second viewable segment and wherein said Proxy server is further configured to transmit said second viewable segment upon receipt of a selection of said navigation aid by said wireless communication device. In the same filed of endeavor Tracy disclosed wherein said proxy server is further configured to generate said navigation aid, wherein said proxy server is further configured to transmit said first first-viewable segment and said navigational aid in response to said request, said navigation aid being selectable with said wireless communication device to request said second viewable segment and wherein said Proxy server is further configured to transmit said second viewable segment upon

receipt of a selection of said navigation aid by said wireless communication device

(col.10, lines 9-32).

It would have been obvious to one in the ordinary skill in the art at the time the invention

was made to have incorporated proxy server being further configured to generate a

navigation aid with the viewable segment as disclosed by Tracy in a wireless

communication system disclosed by Ollikainen and Ndili in order to make the

communication system more versatile and efficient for the user resulting in smooth

reception and reliable availability of mark-up language data to the user's handheld

device.

5.   As per claims 4, 10 & 12 Ollikainen – Ndili and Tracy disclosed the wireless

communication system of claim 1, wherein said proxy server is configured to convert

said viewable segments into a format compatible with said wireless communication

device (Ndili, page.5, paragraphs 78 through 81 & page6, paragraphs 82 through 84).

6.   As per claim 18 Ollikainen - Ndili and Tracy disclosed the computer network of

claim 17, wherein said size of said viewable area of said display screen is determined

by querying with the said proxy server said wireless communication device (Ndili,

page.5, paragraphs 78 through 81 & page6, paragraphs 82 through 84).

7.   As per claims 20 Ollikainen – Ndili and Tracy disclosed the wireless

communication system of claim 15, wherein the whole of one of said first viewable

segment or second viewable segment (Ndili, Page 5. paragraphs 78-81) and least one if

said first navigation aid and or said second navigation aid are viewable simultaneously

in said display (Tracy, col.10, lines 9-32).

8.   As per claims 25 Ollikainen – Ndili and Tracy disclosed the method of claim 17,

further comprising: generating a menu with said wireless communication device,

wherein said menu includes a plurality of menu items selectable with an input device

included in said wireless communication device, wherein said plurality of menu items

include an integration and application programming interface (API) tools menu item

(Ndili, paragraph.149), a technical services menu item, and a gateway services menu

item, wherein said menu is displayable only when said wireless communication device

is in communication with said proxy server; receiving a selection of a menu item from

said menu items with said input device; and generating said request for said

predetermined mark-up language file from said selected menu item (Ndili,

Paragraphs.144-146).

9.   As per claims 26 & 27 Ollikainen – Ndili and Tracy disclosed the wireless

communication system of claim 1, wherein said plurality of viewable segments includes

a third viewable segment, and said navigation aid is a first navigation aid, wherein said

proxy server is further configured to generate a second navigation aid and a third

navigation aid, wherein said proxy server is further configured to transmit said second

navigation aid and said third navigation aid with said second viewable segment in

response to receipt from said wireless communication device of selection of said first

navigation aid, said second navigation aid being selectable with said wireless

communication device to request said first viewable segment and said third navigation

aid being selectable with said wireless communication device to request said third

viewable segment, wherein said proxy server is further configured to transmit said first

viewable segment in response to receipt from said wireless communication device of

selection of said second navigation aid, and wherein said proxy server is further

configured to transmit said third viewable segment in response to receipt from said

wireless communication device of selection of said third navigation aid (Tracy, col.10,

lines 9-32).

Response to Arguments

10.   Applicant's arguments filed 8/7/2009 have been fully considered but they are not

persuasive.

11.   Applicant hinges his main argument with Ollikainen and argues that it fails to

disclose a <u>proxy server communicating with the a remoter server</u> and goes on to argue

that remaining prior arts are not applicable because they do not fill the gap left by

Ollikainen.

As to the above argument examiner points the applicant attention to paragraph 70 and

figure 7 in Ollikainen which clearly discloses the transmission of data from a remote

server to client device(s) via a proxy server.

[0070]   FIG. 7 depicts the use of the multinode server.
Here the user can be a subscriber of a mobile network using
a mobile phone operating with WAP protocol. Such a phone
is called a WAP phone. The user can use the browser of the
phone to receive files according to the WAP protocol or
pages coded with wireless markup language (WML pages).
In comparison to browsers installed in personal computers
and capable of handling complex files, a WAP browser can
handle rather simple files. Phone **70** is connected through
mobile network **71** to a node of multinode server **72** offering
WAP services. In addition, server **72** can fetch files from
internet network **73** for downloading to phone **70**. Quite
often the fetched file is not in such a format that WAP phone
70 could handle it. Resolution of a GIF picture or HTML
document might be too high, for example. In that case the
format conversion unit of the multinode server carries out
conversion into a format which the WAP phone can handle
and which is suitable for transmission through the radio
interface. Conversion may be both protocol conversion from
http to WAP and coding conversion from html or xtml to
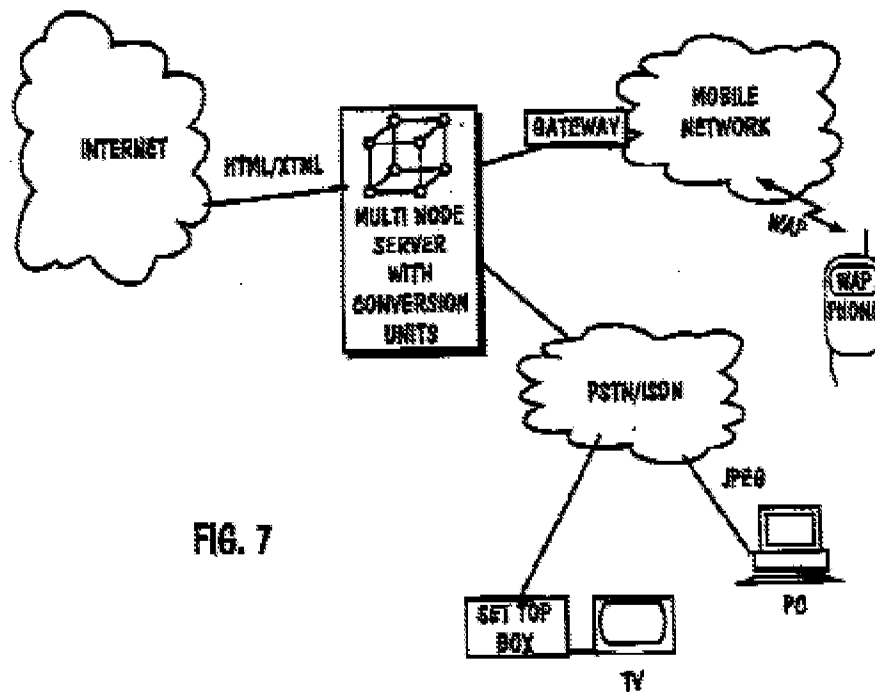xml. In such cases the multinode server acts as a proxy.

FIG. 7

Therefore in light of the above disclosure Ollikainen clearly discloses the transmission of

data from a remote server (A.K.A web server(s) **some where in the Internet cloud** of

figure 7) to client device(s) via a proxy server (Multi-node server of figure 7).

Additionally examiner notes that that **the reason why Ollikainen put the Internet**

cloud was to show the connectivity to the internet to acquire web pages from a

web server (I.E remote server).

12.   Applicant argue that the prior arts fail to disclose the newly added limitation

"wherein said request comprises an identifier that identifies a location for said selected

menu item with a hierarchy for said plurality of menu items".

As to applicant's argument this limitation is simply describing selecting/clicking a link

(I.E. identifier or URLS) among plurality of links (I.E other menu items with identifiers or

URLS) on a web page by a user. **Examiner points out that a web page having**

multiple links is well known in the computer science filed well before February-7-

2002 the filing date of this application in fact Tracy filed 1996 also discloses a

wireless device that can display a web page with multiple URLS (col.2, lines42-49)

(Ollikainen on paragraph.75 & 76 describes user surfing the web page(s)).

13.   Applicant on page 25 argues that dependent claim 25 is allowable for the same

reasons Ollikainen is not allowable.

As to applicant's argument examiner has already explained why Ollikainen is an

applicable art and the combination of Ollikainen, Ndili and Tracy anticipate applicant's

claimed invention. Therefore claim 25 is not allowable for the same reason given by the

examiner for claim 17 in the rejection.

14.   Applicant argued that claims 6, 11, 15, 16, 17, 28 and their corresponding

dependent claims are allowable for the same reason given for claim 1.

15.   As to applicant's argument claims 6, 11, 15, 16, 17, 28 and their corresponding
dependent claims are not allowable for the same reason given by the examiner for claim

Conclusion

16.   The prior art made of record and not relied upon is considered pertinent to

applicant's disclosure.

17.   Herle (U.S. 6,955,298 B2) disclosed apparatus and method for rendering web

page HTML data into a format suitable for display on the screen of a wireless mobile

station. {Samsung Electronics Company, LTD}

18.   Kim (U.S. PUB. NO: 2003/0189913) methods of transmitting and executing

contents of program for hand held terminal.

19.   Rohrabaugh et al (U.S. Pub. No: 2002/0091738 A1) disclosed resolution

independent vector display of Internet content.

        Any inquiry concerning this communication or earlier communications from the

examiner should be directed to ASGHAR BILGRAMI whose telephone number is

(571)272-3907. The examiner can normally be reached on 9-5.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Tonia L.M. Dollinger can be reached on 571-272-4170. The fax phone

number for the organization where this application or proceeding is assigned is 571-

273-8300.

Information regarding the status of an application may be obtained from the

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you have questions on access to the Private PAIR system, contact the Electronic

Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a

USPTO Customer Service Representative or access to the automated information

system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/A. B./
Examiner, Art Unit 2443

/J Bret Dennison/
Primary Examiner, Art Unit 2443